

# Vlan

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{% hint style="info" %} <http://packetlife.net/media/library/20/VLANs.pdf> {% endhint %}

## Assaning Vlan

```
Configure terminal
vlan 10
name Students
vlan 20
name Faculty
```

trunk or acces

```
interface g0/2
switchport mode trunk
switchport trunk native vlan 99
interface g0/1
switchport mode trunk
interface f0/1
switchport mode access
switchport access vlan 20
```

vlan 99 = administarters vlan native vlan wordt toegekend op drukste vlan, dit om CPU kracht te besparen.

Switchport mode **trunk** wordt gebruikt van **switch** naar **switch** Switchport mode **acces** wordt gebruikt van **switch** naar **pc**

Use the **show vlan brief** command on all switches to verify that all VLANs are registered in the VLAN table and that the correct ports are assigned. Use the **show interfaces trunk** command on all switches to verify trunk interfaces. Use the **show running-config** command on all switches to verify all other configurations.